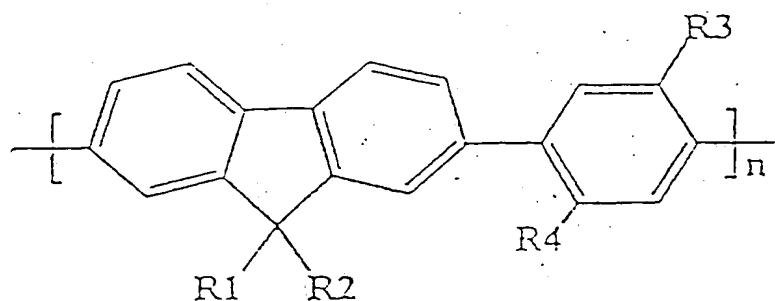


## ABSTRACT

Title: Blue Electroluminescent Materials for Polymer Light-Emitting Diodes

A polymeric material comprising alternate substituted fluorene and phenylene units, as represented by the following formula



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub>, which may be identical or different, are each selected from the group consisting of H, a (C<sub>1</sub> - C<sub>22</sub>) linear or branched alkyl, alkoxy or oligo (oxyethylene) group, a (C<sub>6</sub> - C<sub>30</sub>) cycloalkyl group, and an unsubstituted or substituted aryl group, and n is from about 3 to about 5000.

FIGURE 1